

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011222\
 Data File : VD071688.D
 Acq On : 12 Jan 2022 16:05
 Operator : VA/SY
 Sample : N1097-16
 Misc : 6.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3D

Quant Time: Jan 13 05:29:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

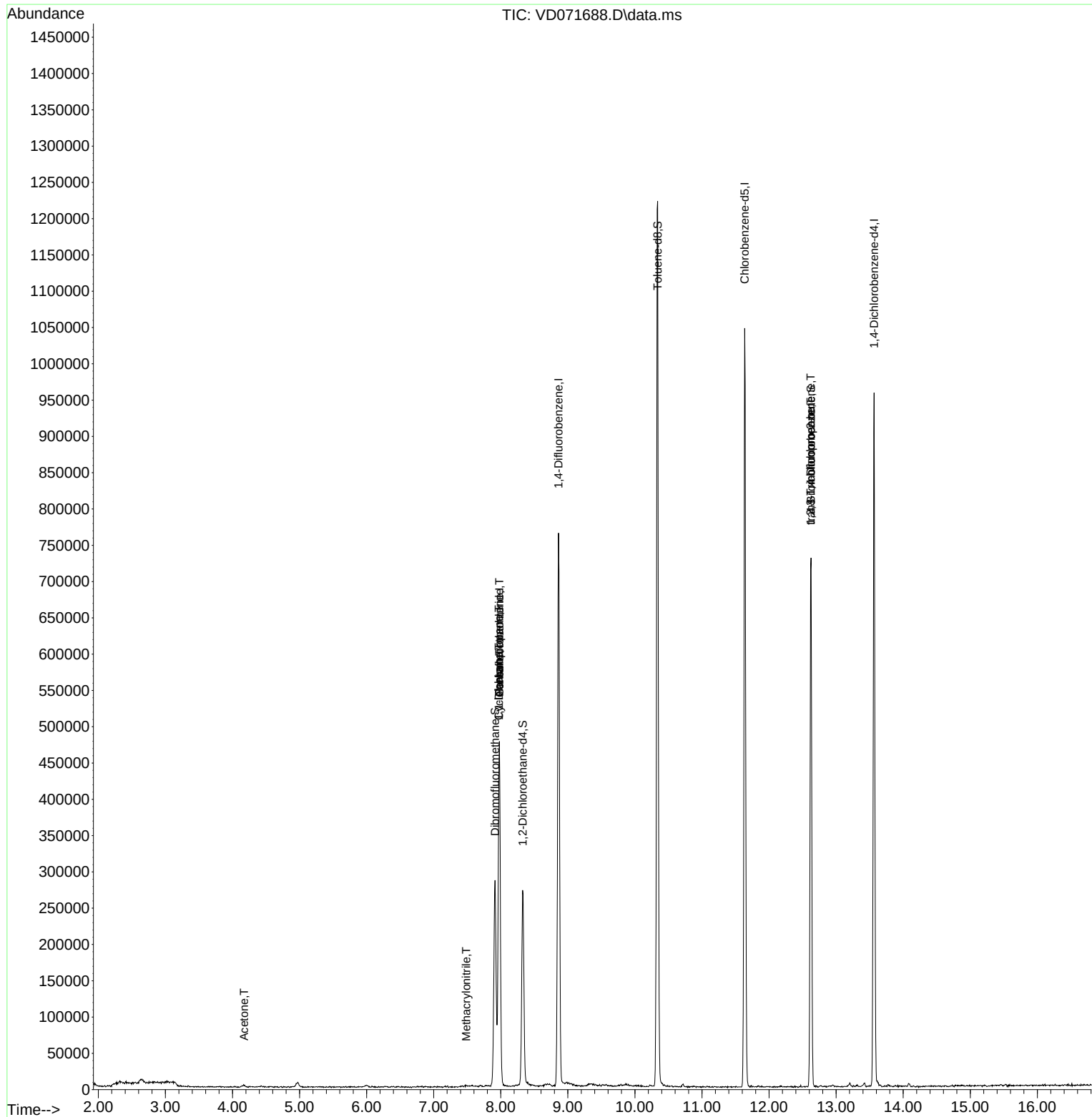
Internal Standards						
1) Pentafluorobenzene	7.979	168	317685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	603997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	536787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	223323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	213423	52.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.420%	
35) Dibromofluoromethane	7.914	113	194557	48.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.480%	
50) Toluene-d8	10.337	98	773008	51.733	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.460%	
62) 4-Bromofluorobenzene	12.626	95	226194	42.960	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	274	Below Cal	#	43
5) Bromomethane	2.779	94	455	Below Cal	#	7
11) Tert butyl alcohol	5.173	59	86	Below Cal	#	1
16) Acetone	4.173	43	4353	4.612	ug/l #	69
18) Methyl Acetate	4.732	43	69	Below Cal	#	56
20) Methylene Chloride	4.973	84	3853	Below Cal	#	86
31) Cyclohexane	7.973	56	10034	2.083	ug/l #	31
36) 1,1-Dichloropropene	7.973	75	31230	5.485	ug/l #	52
38) Carbon Tetrachloride	7.979	117	34370	5.960	ug/l #	21
41) Methacrylonitrile	7.485	41	57	1.165	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	134236	62.206	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	134236	173.424	ug/l #	3

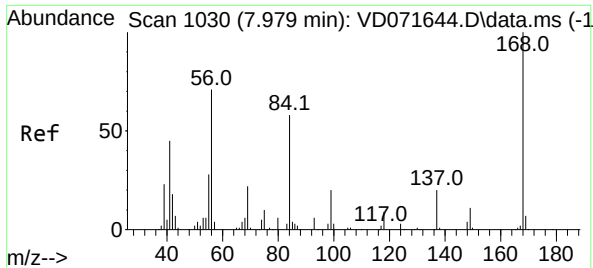
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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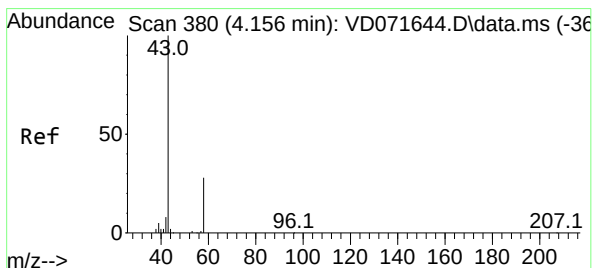
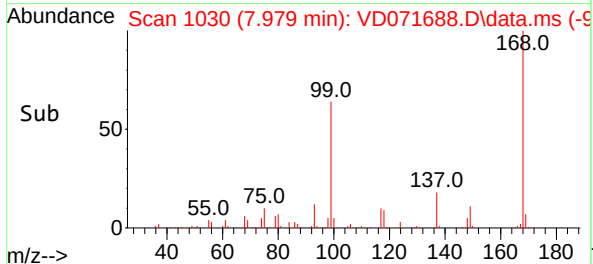
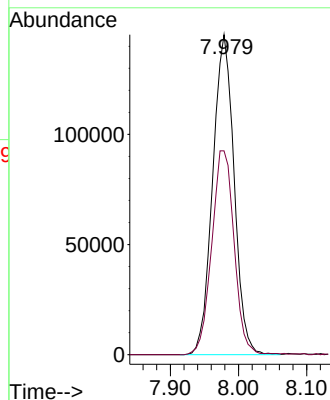
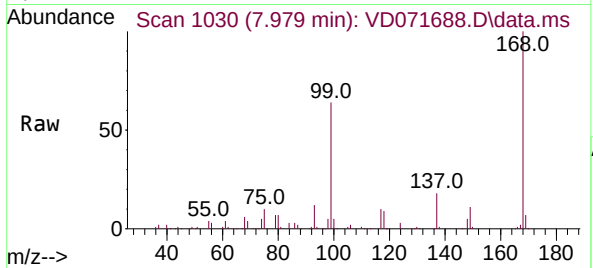




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

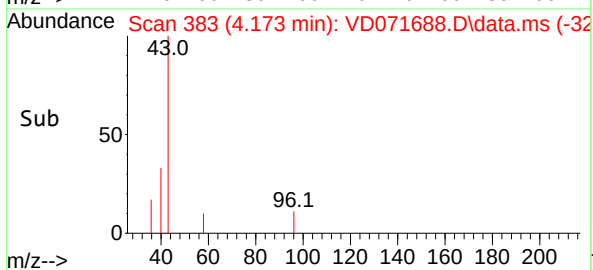
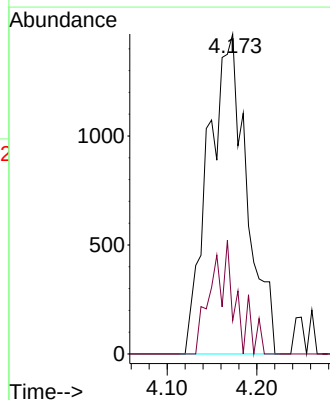
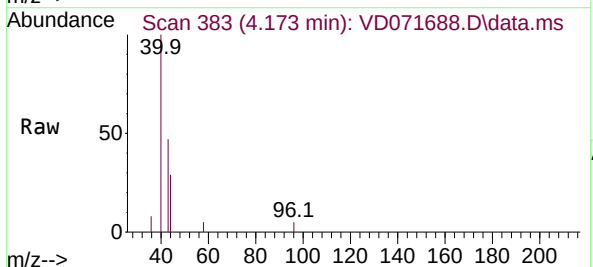
Instrument :
MSVOA_D
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TP-3D

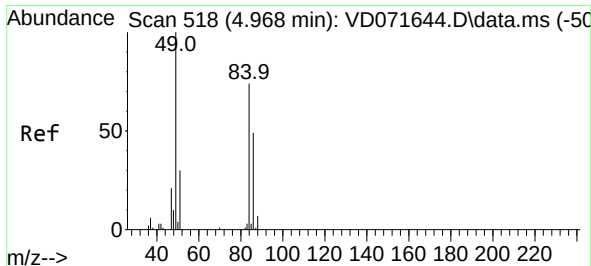
Tgt Ion:168 Resp: 317685
Ion Ratio Lower Upper
168 100
99 63.7 51.8 77.6



#16
Acetone
Concen: 4.612 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

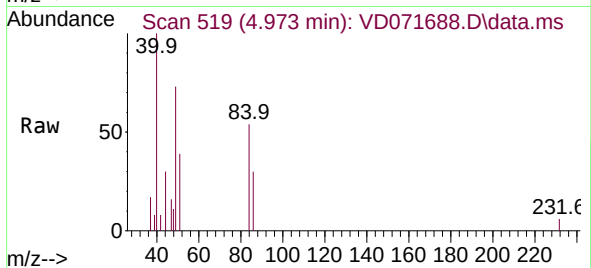
Tgt Ion: 43 Resp: 4353
Ion Ratio Lower Upper
43 100
58 10.4 21.0 31.6#





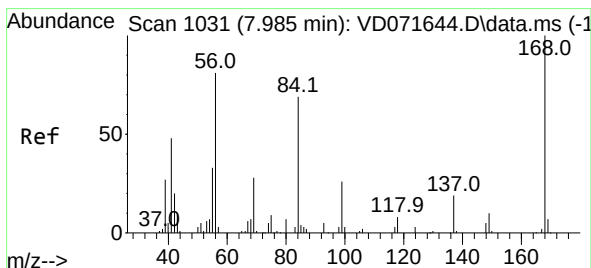
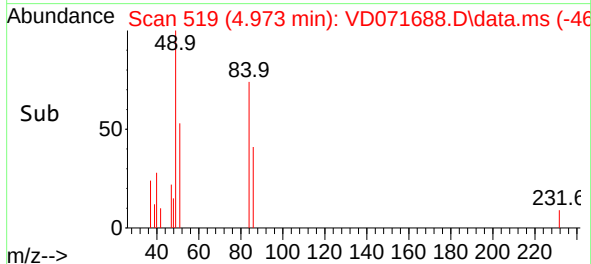
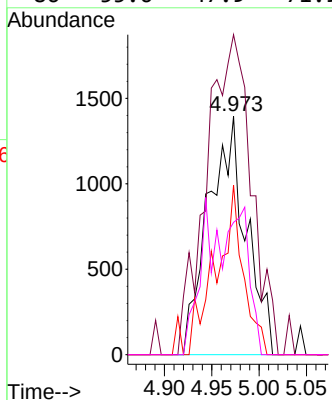
#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

Instrument :
MSVOA_D
ClientSampleId :
TP-3D



Tgt Ion: 84 Resp: 3853

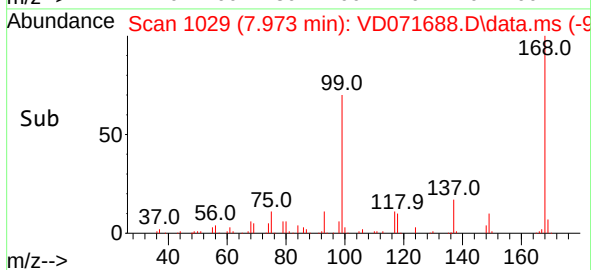
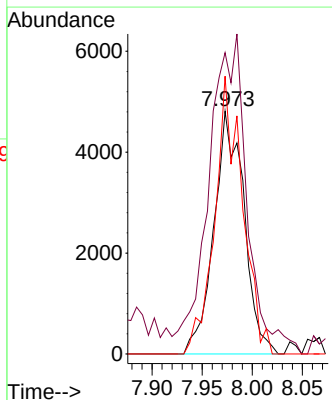
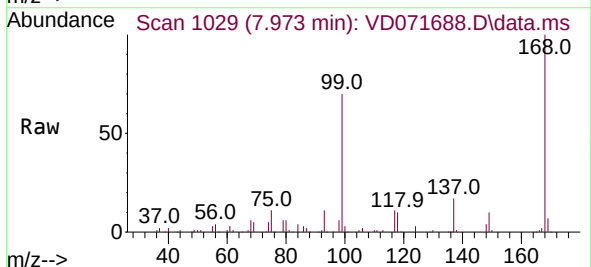
Ion	Ratio	Lower	Upper
84	100		
49	134.3	118.6	178.0
51	71.2	37.8	56.6#
86	55.6	47.9	71.9

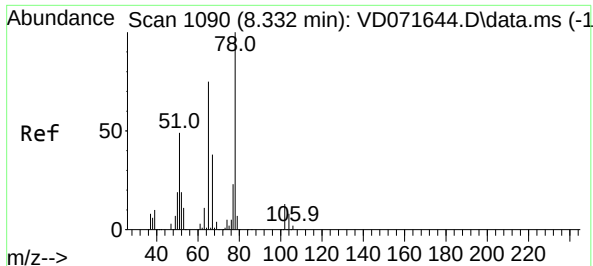


#31
Cyclohexane
Concen: 2.083 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

Tgt Ion: 56 Resp: 10034

Ion	Ratio	Lower	Upper
56	100		
69	114.7	21.7	32.5#
84	114.5	65.7	98.5#





#33

1,2-Dichloroethane-d4

Concen: 52.211 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071688.D

Acq: 12 Jan 2022 16:05

Instrument :

MSVOA_D

ClientSampleId :

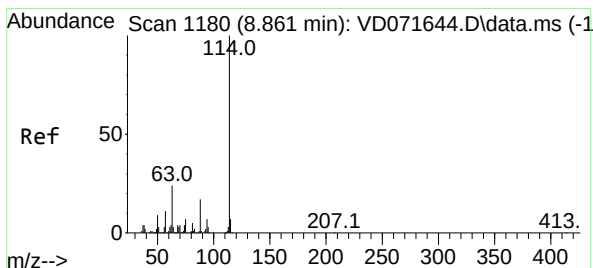
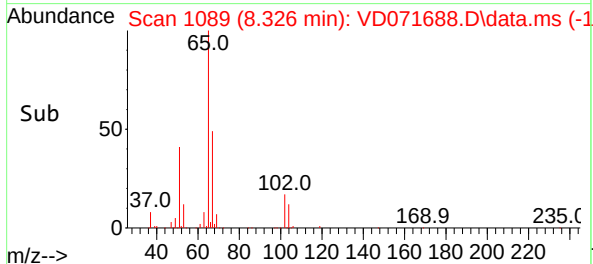
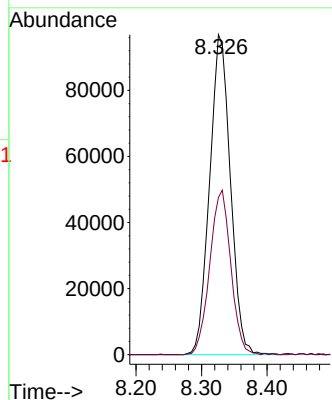
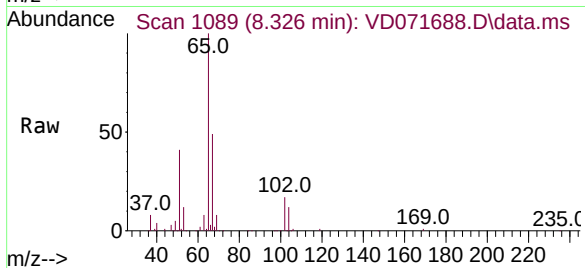
TP-3D

Tgt Ion: 65 Resp: 213423

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071688.D

Acq: 12 Jan 2022 16:05

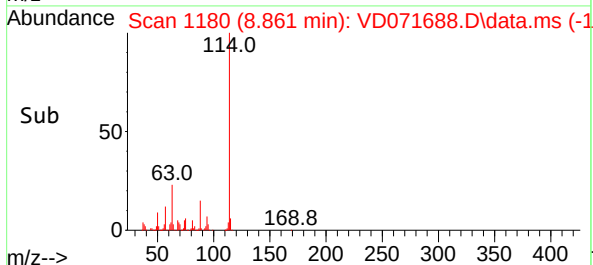
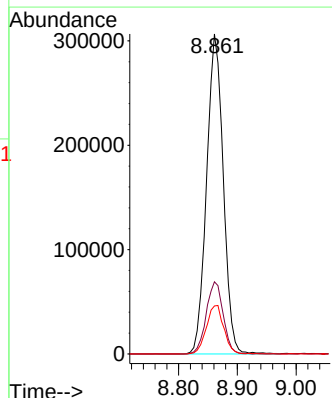
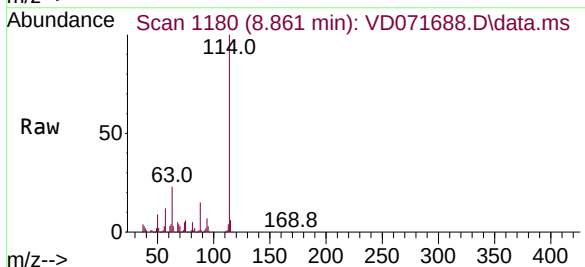
Tgt Ion: 114 Resp: 603997

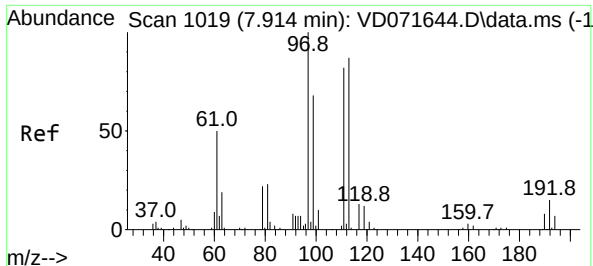
Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.2

88 15.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.741 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071688.D

Acq: 12 Jan 2022 16:05

Instrument :

MSVOA_D

ClientSampleId :

TP-3D

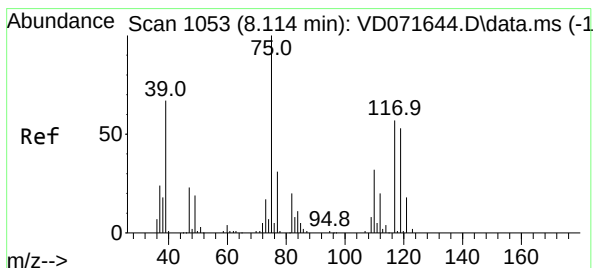
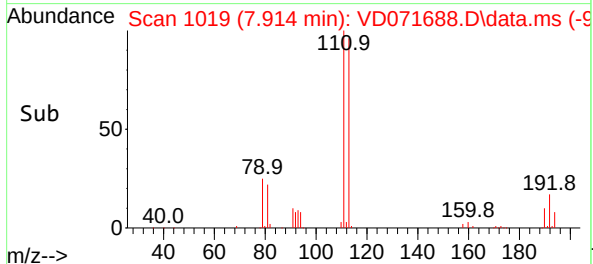
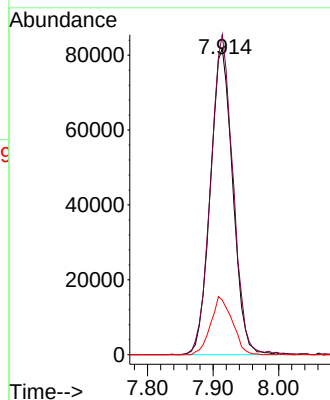
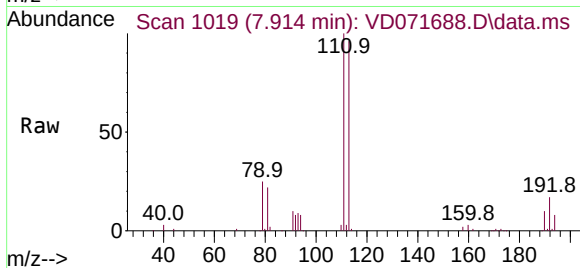
Tgt Ion:113 Resp: 194557

Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

192 18.2 14.2 21.2



#36

1,1-Dichloropropene

Concen: 5.485 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071688.D

Acq: 12 Jan 2022 16:05

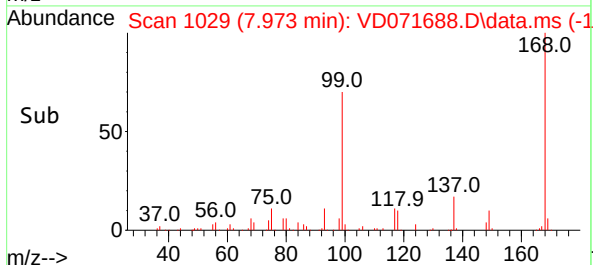
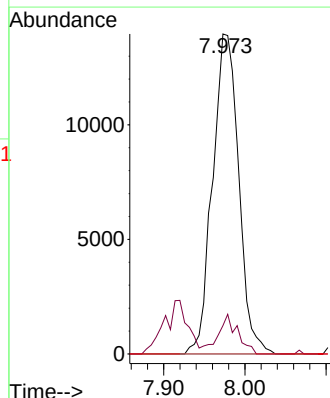
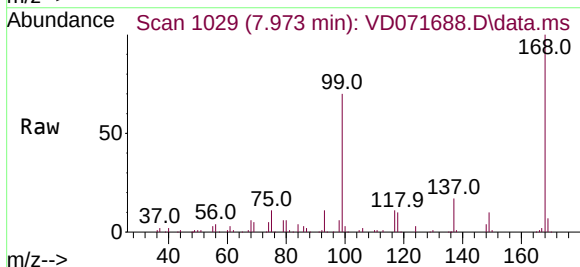
Tgt Ion: 75 Resp: 31230

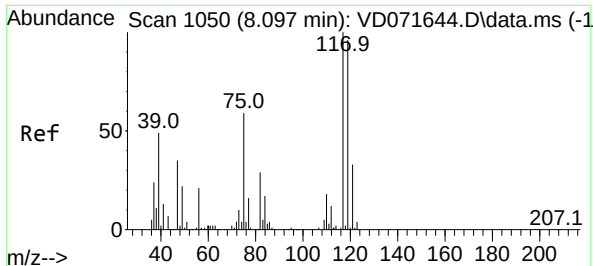
Ion Ratio Lower Upper

75 100

110 9.0 16.0 48.0#

77 0.0 24.5 36.7#

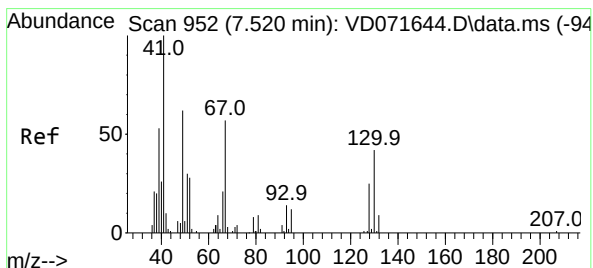
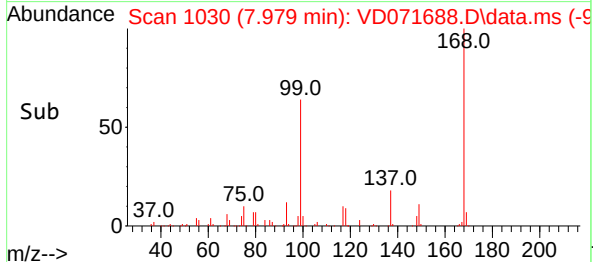
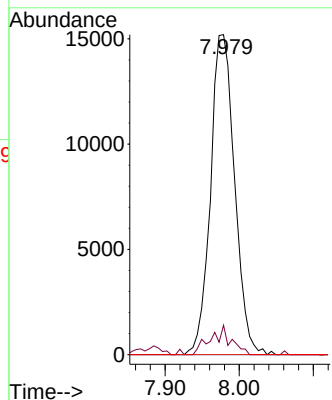
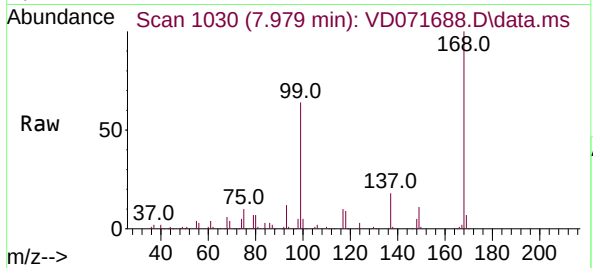




#38
Carbon Tetrachloride
Concen: 5.960 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

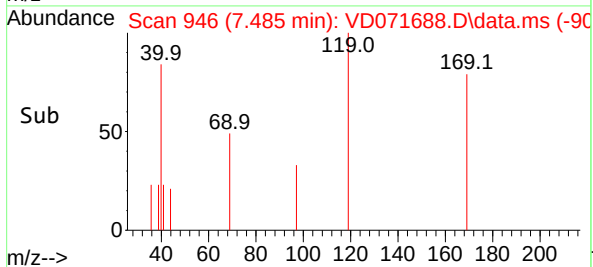
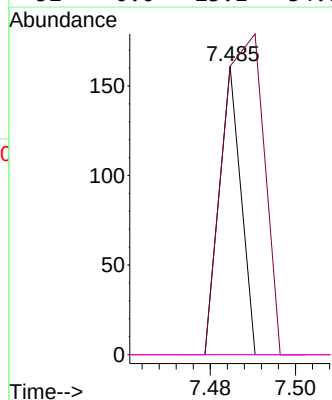
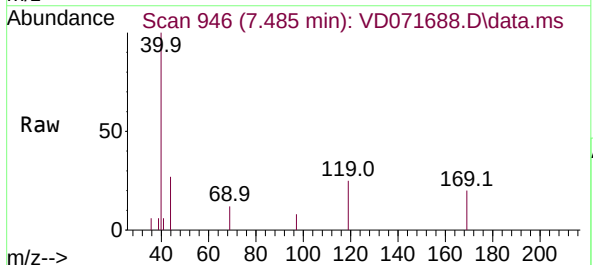
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ClientSampleId :
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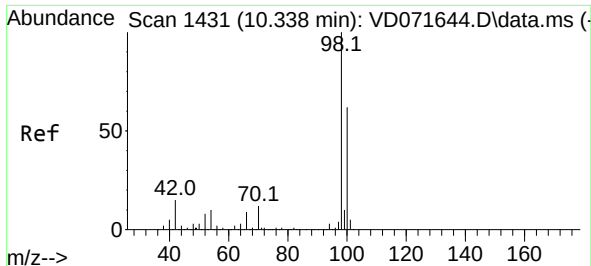
Tgt Ion:117 Resp: 34370
Ion Ratio Lower Upper
117 100
119 9.2 73.4 110.2#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 1.165 ug/l
RT: 7.485 min Scan# 946
Delta R.T. -0.035 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

Tgt Ion: 41 Resp: 57
Ion Ratio Lower Upper
41 100
39 210.5 46.9 70.3#
67 0.0 49.3 73.9#
52 0.0 23.1 34.7#

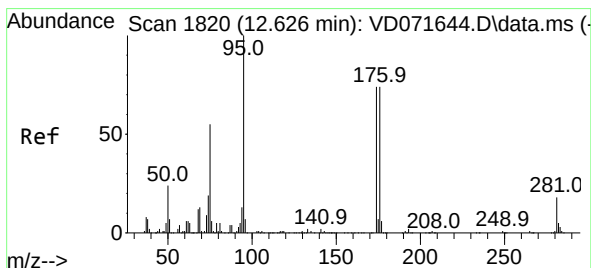
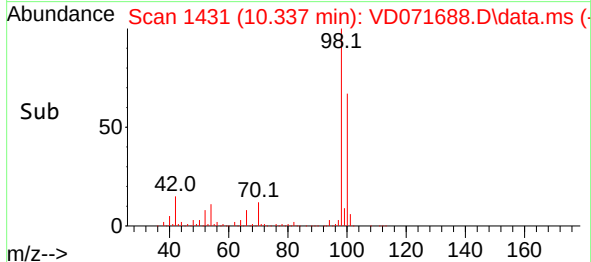
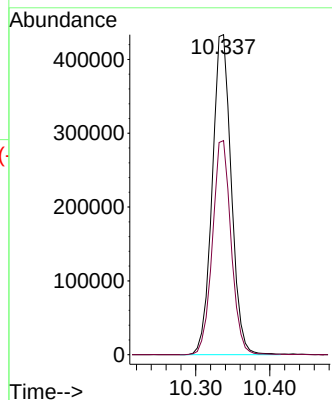
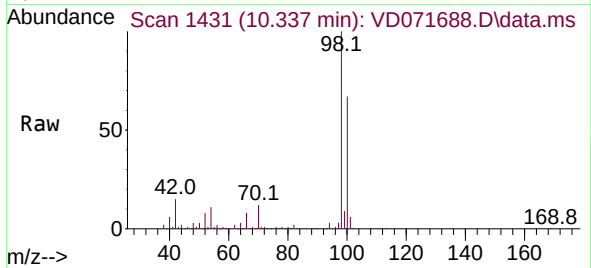




#50
Toluene-d8
Concen: 51.733 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

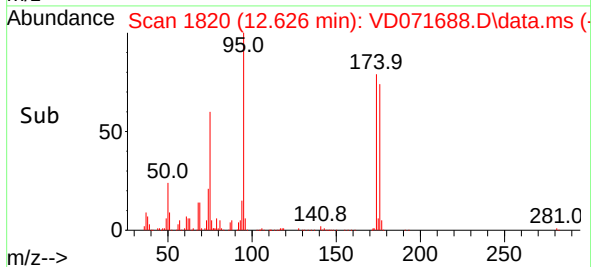
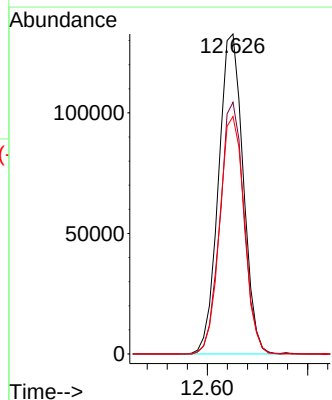
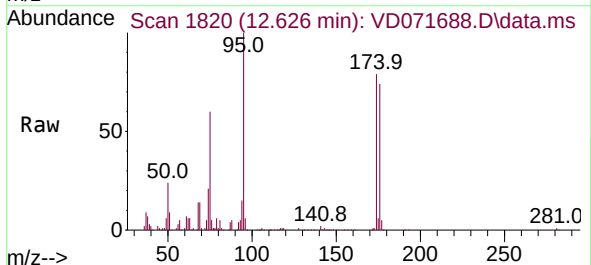
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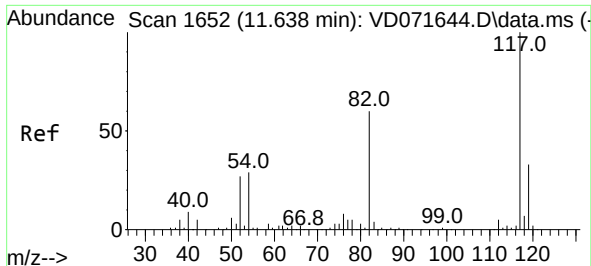
Tgt Ion: 98 Resp: 773008
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.960 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

Tgt Ion: 95 Resp: 226194
Ion Ratio Lower Upper
95 100
174 76.6 0.0 150.0
176 74.0 0.0 146.4

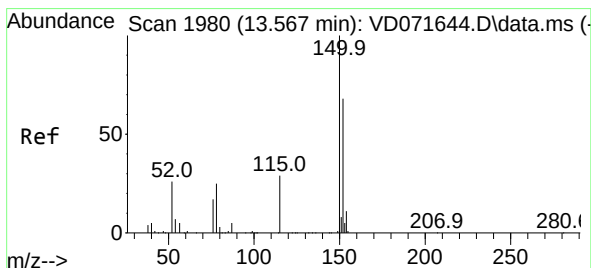
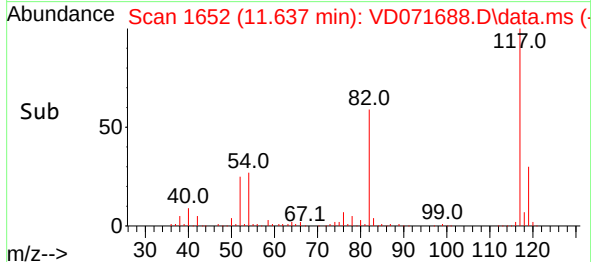
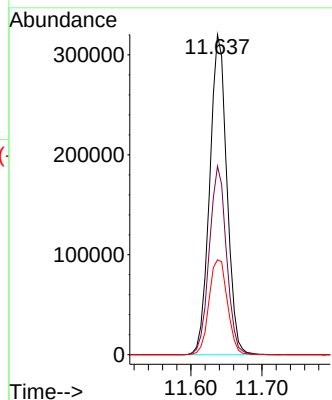
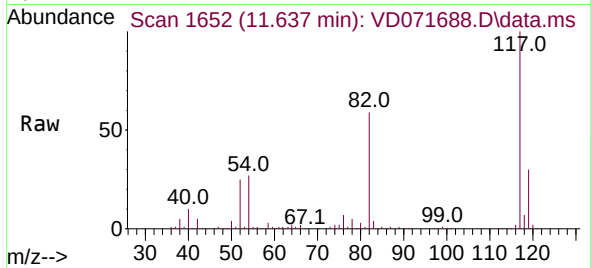




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

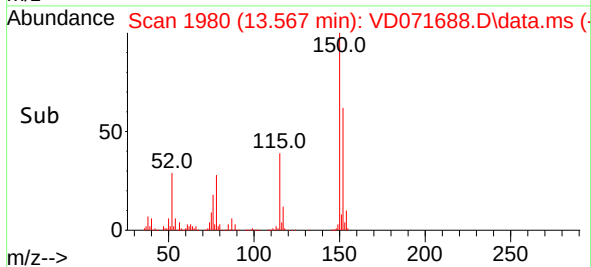
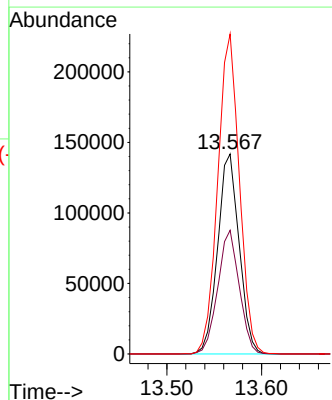
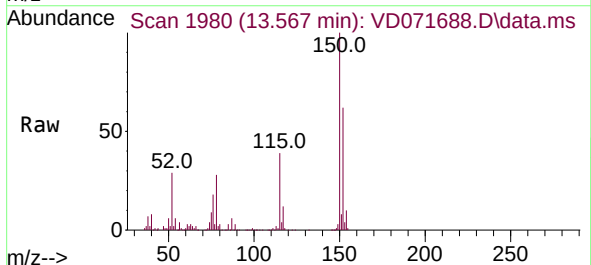
Instrument :
MSVOA_D
ClientSampleId :
TP-3D

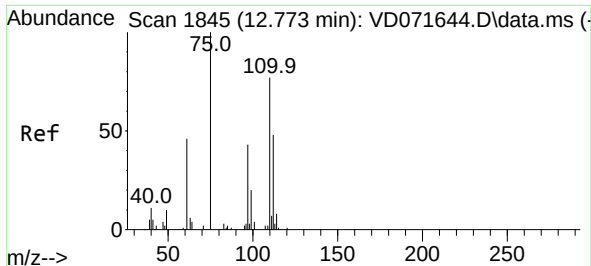
Tgt Ion:117 Resp: 536787
Ion Ratio Lower Upper
117 100
82 58.9 46.9 70.3
119 29.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

Tgt Ion:152 Resp: 223323
Ion Ratio Lower Upper
152 100
115 62.0 31.5 94.5
150 160.8 0.0 348.0

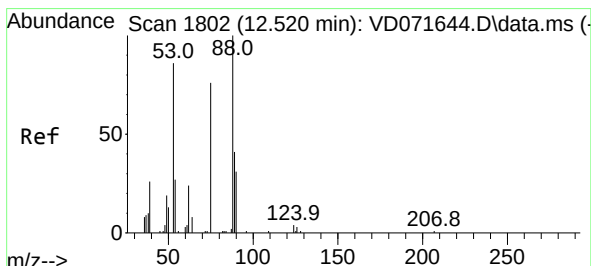
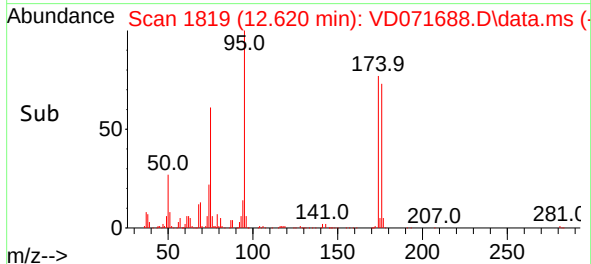
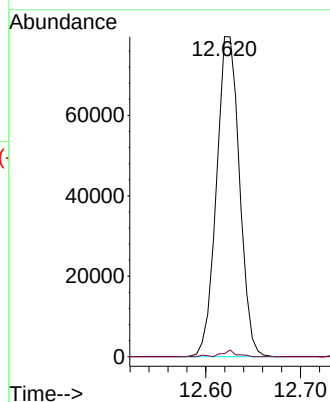
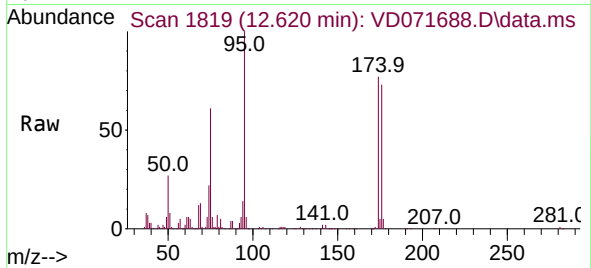




#76
1,2,3-Trichloropropane
Concen: 62.206 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

Instrument :
MSVOA_D
ClientSampleId :
TP-3D

Tgt Ion: 75 Resp: 134236
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 173.424 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071688.D
Acq: 12 Jan 2022 16:05

Tgt Ion: 75 Resp: 134236
Ion Ratio Lower Upper
75 100
53 0.1 95.4 143.0#
89 0.1 37.2 55.8#

